

Recombinant Human MIPEP Protein, GST-tagged

Cat. No. MIPEP-5348H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Human MIPEP full-length ORF (AAH09934.1, 1 a.a. - 713 a.a.) recombinant protein with GST-tag at N-terminal. |
| Species | Human |
| Source | Wheat Germ |
| Description | The product of this gene performs the final step in processing a specific class of nuclear-encoded proteins targeted to the mitochondrial matrix or inner membrane. This protein is primarily involved in the maturation of oxidative phosphorylation (OXPHOS)-related proteins. This gene may contribute to the functional effects of frataxin deficiency and the clinical manifestations of Friedreich ataxia. [provided by RefSeq] |
| Molecular Mass | 104.83 kDa |
| AA Sequence | MLCVGRLGGLGARAAALPPRRAGRGSLEAGIRARRVSTSWSPVGAAFNVKPKQGSRLDLFGERRGLFGVPELSAPEGFHIAQEKALRKTELLVDRACSTPPGPQTVLIFDELSDLCRVADLADFVKIAHPEPAFREAAEEACRSIGTMVEKLNNTVDLYQSLQKLLADKKLVDSLDPETRRVAELFMDFEISGIHLDKEKRKRAVDLNVKILDLSSTFLMGTNFPNKIEKHLPEHIRRNFTSAGDHIIDGLHAESPDDLVDLREAAAYKIFLYPNAGQLKCLEELLSSRDLLAKLVGYSTFSHRALQGTTAKNPETVMQFLEKLSDKLSERTLKDFEMIRGMKMKLNPQNSEVMPWDPPYYSGVIRAERYNIEPSLYCPFFSLGACMEGLNILLNRLLGISLYAEQPAKGEVWSEDVRKLAHVHESEGLLGYIYCDDFFQRADKPHQDCHFTIRGGRLKED |

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GDYQLPVVLMMLNLPSSSRSSPTLLTPGMMENLFHEMGMHMSMLGRTRYQHVTG
 TRCPTDFAEVPSILMEYFANDYRVVNQFARHYQTGQPLPKNMVSRLCESKKVCAAA
 DMQLQVIFYATLDQIYHGKHPLRNSTTDILKETQEKFYGLPYVPNTAWQLRFSHLVGY
 GARYYSYLMSRAVASMVWKECFLQDPFNRAAGERYRREMLAHGGGPREPMLMVEG
 MLQKCPSVDDFVSALVSDLDLDFETFLMDSE

Applications
 Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [MIPEP mitochondrial intermediate peptidase \[Homo sapiens \]](#)

Official Symbol [MIPEP](#)

Synonyms MIPEP; mitochondrial intermediate peptidase; MIP; HMIP;

Gene ID [4285](#)

mRNA Refseq [NM_005932](#)

Protein Refseq [NP_005923](#)

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| MIM | 602241 |
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| UniProt ID | Q99797 |
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